



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: **C-1**

September 7, 2004

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
SUPERVISORIAL DISTRICTS 1, 3, 4, AND 5
3 VOTES**

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000564 - Buena Vista Channel Improvements, City of Irwindale (1), Sema Construction, Inc., in amount of \$36,954.26.

Project ID No. FCC0000793 - Glendora High School Drain, City of Glendora (5), Andrew Papac and Sons, in amount of \$33,480.00.

Project ID No. GME0000003 - Retrofit/Replacement of Underground Storage Tanks and Fuel Facilities, Group 3, vicinities of Malibu, Claremont, Palmdale, Pasadena, and Quartz Hill (3 and 5), Geo-Cal, Inc., in amount of \$16,199.32.

Project ID No. RDC0011922 - Morning Sun Avenue and PD No. 812, Line H Repair, vicinity of Rowland Heights (1 and 4), Southern California Underground Contractors, Inc., in amount of \$22,626.00.

Project ID No. WWD2900012 - 10-Inch Bypass at Pacific Coast Highway, City of Malibu (3), A. A. Portanova & Sons, Inc., in amount of \$27,935.11.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000564, FCC0000793, GME0000003, RDC0011922, and WWD2900012.

Implementation of Strategic Plan Goals

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amounts for these contracts range from \$16,199.32 to \$36,954.26.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
September 7, 2004
Page 4

CONCLUSION

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Interim Director of Public Works

PB:tn

O:\SECTION\ADMINISTRATION\BOARD\CIW\09-07-04LTR.DOC

Enc. 5

cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
September 7, 2004

PROJECT ID NO. FCC0000564, BUENA VISTA CHANNEL IMPROVEMENTS
(City of Irwindale), Supervisorial District 1, Contractor: Sema Construction, Inc.

Project Description:

Replacement of an existing concrete trapezoidal channel with a rectangular reinforced concrete channel and reinforced concrete double box conduit of greater capacity, the construction of an access road and invert access ramp, and other appurtenant work.

Changes in Work:

(1) Relocate Existing Utility	\$ 2,454.26
(2) Existing AC Removal	<u>34,500.00</u>
Total	<u>\$36,954.26</u>

Description of Changes:

(1) In order to construct the new channel in accordance with the plans, it will be necessary to relocate the interfering portion of an existing Southern California Edison overhead line at the corner of Tifal Avenue and Buena Vista Street. This work is not shown on the plans.

(2) While removing the existing channel concrete lining, the contractor encountered 3-inch thick asphalt concrete underneath the lining. It will be necessary to compensate the contractor for the removal of this extra asphalt concrete. This work is not shown on the plans.

The costs for Items 1 and 2 were negotiated as provided in Subsection 32 of the contract specifications.

Two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$4,502,718.20
Changes in work to be authorized	<u>36,954.26</u>
Revised contract amount	<u>\$4,539,672.46</u>

AD:tn

O:\Projects\Programs - Flood\BuenVistaChannel (FCC0000564)\Board\CIW1&2.doc

CHANGE IN WORK (AUTHORIZE)
September 7, 2004

PROJECT ID NO. FCC0000793, GLENDORA HIGH SCHOOL DRAIN
(City of Glendora), Supervisorial District 5, Contractor: Andrew Papac and Sons

Project Description:

Construction of a reinforced concrete pipe storm drain system and drainage structures and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 1,980.00
(2) Repair Connector Pipes	27,000.00
(3) Repair Irrigation Lines and Delay Costs	<u>4,500.00</u>
Total	<u>\$33,480.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to repair three connector pipes to an existing storm drain on Badillo Avenue prior to the start of the next rainy season. The contractor must be compensated for this work which is not shown on the plans.

(3) During excavation for the proposed storm drain, several unmarked irrigation lines were damaged. The contractor had to cease operations and repair the lines. The locations of the waterlines are not shown on the plans. It will be necessary to compensate the contractor for repair of the lines and for costs incurred as a result of the delays.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Ten additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$530,702.00
Changes in work to be authorized	<u>33,480.00</u>

Revised contract amount	<u>\$564,182.00</u>
-------------------------	---------------------

HH:tn

O:\Projects\Programs - Flood\GlendoraHighSchIDrn (FCC0000793)\Board\CIW#01.doc

CHANGE IN WORK (AUTHORIZE)
September 7, 2004

PROJECT ID NO. GME0000003, RETROFIT/REPLACEMENT OF UNDERGROUND STORAGE TANKS AND FUEL FACILITIES, GROUP 3 (in the vicinities of Malibu, Claremont, Palmdale, Pasadena, and Quartz Hill), Supervisorial Districts 3 and 5, Contractor: Geo-Cal, Inc.

Project Description:

Retrofit and replacement of underground storage tanks, piping, fuel dispensers, and installation of canopies.

Changes in Work:

(1) Emergency Generator Connection	\$ 4,000.00
(2) Kiosk Salvage and Relocation	3,450.00
(3) Install Fuel Management System	8,000.00
(4) Fuel Management System Reinstallation	<u>749.32</u>
Total	<u>\$16,199.32</u>

Description of Changes:

(1) In order to allow vehicle fueling during power outages, it will be necessary to connect the new fuel island to the emergency generator at Quartz Hill. This work is not shown on the plans.

(2) Due to varying field conditions, it will be necessary to install the fuel management system in an existing kiosk at Quartz Hill. This work is not shown on the plans.

(3) The contractor will install a fuel management system and provide services to start up the system at the Waterworks Topanga facility. This work is not shown on the plans.

(4) Your Board previously approved a change in work to compensate the contractor to reinstall the fuel management system and the additional equipment to accommodate the two additional fueling outlets at the new dispensers. The cost of this work will exceed the original estimate by the amount shown.

The costs for Items 1 and 2 were negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 3 and 4 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Nine additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,038,855.00
Changes in work previously approved by the Board	97,371.61
Changes in work to be authorized	<u>16,199.32</u>
Revised contract amount	<u>\$1,152,425.93</u>

HC:tn

O:\Projects\Special\Retrofit&ReplacementofUSTs Group 3 (GME0000003)\Changes\ciw4.doc

CHANGE IN WORK (AUTHORIZE)
September 7, 2004

PROJECT ID NO. RDC0011922, MORNING SUN AVENUE AND PD NO. 812, LINE H
REPAIR (in the vicinity of Rowland Heights), Supervisorial Districts 1 and 4,
Contractor: Southern California Underground Contractors, Inc.

Project Description:

Excavation and reconstruction of existing roadway pavement; reconstruction of concrete curb, gutter, and driveways; reconstruction of an existing reinforced concrete pipe storm drain; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 7,518.00
(2) Remove Manhole Wall and Bottom	2,400.00
(3) Relocate Waterline	800.00
(4) Additional Excavation	1,800.00
(5) Realign Storm Drain	800.00
(6) Bulkhead Connector Pipes	3,200.00
(7) Replace Chainlink Fence	<u>6,108.00</u>
Total	<u>\$22,626.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) During the removal of two manholes, it was found that the walls were much thicker than shown on the plans. In order to remove the manholes, the contractor will need to utilize more time and resources.

(3) While excavating, the contractor exposed a 2" water service line that interferes with the proposed storm drain alignment. It will be necessary to relocate the water service. This work is not shown on the plans.

(4) The existing 33" storm drain is deeper than shown on the plans. In order to remove the storm drain, it will be necessary to perform additional excavation.

(5) In order to avoid an existing sewer manhole that was not shown on the plans, it will be necessary to modify the alignment of the proposed storm drain.

(6) During excavation operations, the contractor exposed two concrete junction structures that were not shown on the plans. It will be necessary to remove these structures and bulkhead the open connector pipes.

(7) It will be necessary to replace an existing deteriorated chainlink fence. This work is not shown on the plans.

The cost for Item 1 and a portion of the cost for Item 7 will be based on contract unit prices. The costs for Items 2 through 6 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The balance of the cost for Item 7 was negotiated as provided in Subsection 3-2 of the contract specifications.

Five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$339,120.00
Changes in work to be authorized	<u>22,626.00</u>
Revised contract amount	<u>\$361,746.00</u>

ERL:tn

O:\Projects\Programs - Road\MorningSunAvenueAndPD No812 LineH-Repair(RDC0011922)\Board\CIW1.doc

CHANGE IN WORK (AUTHORIZE)
September 7, 2004

PROJECT ID NO. WWD2900012, 10-INCH BYPASS AT PACIFIC COAST HIGHWAY
(City of Malibu), Supervisorial District 3, Contractor: A. A. Portanova & Sons, Inc.

Project Description:

Construction of three 10" bypass lines to temporarily bypass an existing 30" water main.

Changes in Work:

(1) Variations in Bid Quantities	(\$ 9,993.53)
(2) Modification of Connection Detail	10,195.47
(3) Trench Obstructions	12,537.13
(4) Shutdown and Tie-In	1,500.00
(5) Caltrans Permit	3,810.00
(6) Pipe Repairs and Dewatering Delays	3,962.39
(7) Additional Fittings and Couplings	<u>5,923.65</u>
Total	<u>\$27,935.11</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The decrease in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work to modify the connection between the proposed bypass lines and the existing water main to avoid interfering utilities. The cost for this work will exceed the original estimate by the amount shown.

(3) Your Board previously approved a change in work to compensate the contractor for additional work associated with protecting and avoiding interfering utilities. The cost for this work will exceed the original estimate by the amount shown.

(4) The contractor was not allowed to shut down the existing water main and tie in the new bypass lines according to his schedule. It will be necessary to compensate the contractor for delays.

(5) It will be necessary to reimburse the contractor for a Caltrans Encroachment Permit as required by the contract specifications.

(6) It will be necessary to compensate the contractor for standby due to the extended amount of time required to dewater their water system during shut down. Also, it will be necessary to repair a few leaks encountered in the pipe provided by the Waterworks District.

(7) It will be necessary to provide additional fittings and couplings to the Los Angeles County Waterworks District 29 for future maintenance of the pipelines.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 5 and 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 6 was negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 940,146.00
Changes in work previously approved by the Board	87,000.00
Changes in work to be authorized	<u>27,935.11</u>
Revised contract amount	<u>\$1,055,081.11</u>

RA/SK:tn

O:\Projects\Waterworks\10' Bypass Pipeline at PCH (WWD2900012)\Changes\CIW#3.doc